

10/034,0721130AMENDMENTS TO THE CLAIMS

This listing of the claims replaces all prior versions of claims in the application.

1. (Currently Amended) A portable electronic device comprising:
an imager coupled to the portable electronic device;
a laser scanner coupled to the portable electronic device; and
an application specific integrated circuit (ASIC) comprising circuitry for
communicating with the imager and laser scanner.
2. (Original) The portable electronic device of claim 1, further comprising a
data blender adapted to receive data from multiple sources and distribute the data to
multiple destinations based on a type or content of the data.
3. (Original) The portable electronic device of claim 1, the portable
electronic device being a bar code reading terminal.

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4. (Original) The portable electronic device of claim 1, the ASIC further comprising circuitry for carrying out at least one of the following functions:

power management;
wake up control and power down;
critical suspend shutdown;
warm boot and cold boot;
serial port for WAN radio;
matrix keyboard scanning;
IP security;
analog converters;
touch panel;
smart and dumb battery;
modular memory IDE interface;
fingerprint reader;
USB host; and
magnetic stripe interface.

5. (Original) The ASIC of claim 4, the smart and dumb battery function including a gas gauging function

6. (Original) The ASIC of claim 4, the smart and dumb battery function including a cycle life function.

7. (Original) The ASIC of claim 4, the smart and dumb battery function including a charge control function.

8. (Original) The ASIC of claim 4, the smart and dumb battery being a Ni-MH battery.

9. (Original) The ASIC of claim 4, the smart and dumb battery being a Li-

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Ion battery.

10. (Original) The ASIC of claim 4, the modular memory IDE interface function including a NAND memory function.

11. (Original) The ASIC of claim 4, the modular memory IDE interface function including a CF card function.

12. (Withdrawn) A portable data collection system, comprising:
a bar code reading terminal;
a data blender adapted to receive data from multiple sources and distribute the data to multiple destinations based on a type or content of the data; and
an application specific integrated circuit (ASIC) having circuits for communicating with an imager and a laser scanner and at least one of the following functions:

power management;
wake up control and power down;
critical suspend shutdown;
warm boot and cold boot;
serial port for WAN radio;
matrix keyboard scanning;
IP security;
analog converters;
touch panel;
smart and dumb batteries;
modular memory IDE interface;
fingerprint reader;
USB host; and
magnetic stripe interface.

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13. (Withdrawn) The system of claim 12 providing a shared data path into a system memory for both the laser scanner and the imager data.

14. (Withdrawn) An application specific integrated circuit (ASIC) having circuits for communicating with an imager and a laser scanner and at least one of the following functions:

power management;
wake up control and power down;
critical suspend shutdown;
warm boot and cold boot;
serial port for WAN radio;
matrix keyboard scanning;
IP security;
analog converters;
touch panel;
smart and dumb batteries;
modular memory IDE interface;
fingerprint reader;
USB host; and
magnetic stripe interface.

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15. (Withdrawn) A portable data collection system, comprising:
a bar code reading terminal; and
an application specific integrated circuit (ASIC) having circuits for implementing
the following functions:

laser scanning;
imaging;
power management;
wake up control and power down;
critical suspend shutdown;
warm boot and cold boot;
serial port for WAN radio;
matrix keyboard scanning;
IP security;
analog converters;
touch panel;
smart and dumb batteries;
modular memory IDE interface;
fingerprint reader;
USB host; and
magnetic stripe interface.

16. (Withdrawn) The portable data collection system of claim 15, further
comprising a data blender adapted to receive data from multiple sources and distribute
the data to multiple destinations based on a type or content of the data.

17. (Withdrawn) The portable data collection system of claim 16, the data
from the multiple sources being decoded within the system.

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18. (Withdrawn) The portable data collection system of claim 17, the data from the multiple sources being decoded offline and processed on the bar code reading terminal at a later time.

19. (Withdrawn) The portable data collection system of claim 16, the data from the multiple sources being routed through a common driver.

20. (Withdrawn) The portable data collection system of claim 16, the data from the multiple sources being at least one of biometrics data, magstripe data, and RFID data.